

Please type a plus sign (+) inside this box →



PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. TI-35349
		First Inventor Motomu Hashizume
		Title Impedance Controlled Write Driver for Low Power Preamp
		Express Mail Label No. EU 446521613 US

U.S. PTO
17302
10/73/252
120903

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO:	
		Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/>	CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)
2. <input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.	8. <input type="checkbox"/>	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/>	Specification (<i>preferred arrangement set forth below</i>) <ul style="list-style-type: none">- Descriptive title of the Invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (<i>if filed</i>)- Detailed Description- Claim(s)- Abstract of the Disclosure	[Total Pages] 16	a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113) Sheets	[Total] 3	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))
5. <input type="checkbox"/>	Oath or Declaration Pages	[Total] 1	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney
a. <input checked="" type="checkbox"/>	Newly Executed (original or copy)		11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)
b. <input type="checkbox"/>	Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/>	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		13. <input type="checkbox"/> Preliminary Amendment
6. <input type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:			
<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No: _____ / _____ Group / Art Unit: _____
Prior application information: Examiner _____			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
ACCOMPANYING APPLICATION PARTS			
9. <input checked="" type="checkbox"/>	Assignment Papers (cover sheet & documents(s))		
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney		
11. <input type="checkbox"/>	English Translation Document (<i>if applicable</i>)		
12. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
13. <input type="checkbox"/>	Preliminary Amendment		
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)		
16. <input type="checkbox"/>	Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.		
17. <input type="checkbox"/>	Other: _____		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

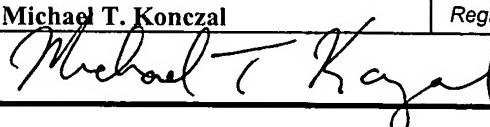
Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____
Group / Art Unit: _____

Prior application information: Examiner _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

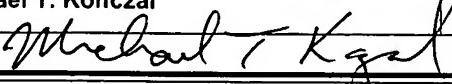
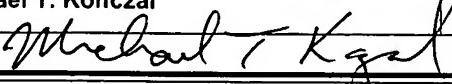
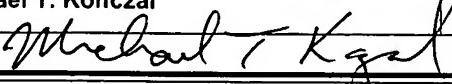
19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	23494 (Insert Customer No. or Attach bar code label here)		<input type="checkbox"/> Correspondence address below
NAME	Texas Instruments Incorporated		
ADDRESS			
CITY	STATE		
COUNTRY	TELEPHONE	W. Daniel Swayze 972-917-4371	ZIP CODE
			FAX (972)917-4418

Name (Print/Type)	Michael T. Koneczal	Registration No. (Attorney/Agent)	45,475
Signature			Date 12/09/03

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

18351
 120903

FEE TRANSMITTAL for FY 2004		Complete If Known																																																																																																																																																																									
		Application Number																																																																																																																																																																									
		Filing Date																																																																																																																																																																									
		First Named Inventor		Motomu Hashizume																																																																																																																																																																							
		Examiner Name																																																																																																																																																																									
		Group Art Unit																																																																																																																																																																									
TOTAL AMOUNT OF PAYMENT		\$ 770.00		Attorney Docket No.		TI-35349																																																																																																																																																																					
METHOD OF PAYMENT		FEES CALCULATION (continued)																																																																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number 20-0668 Deposit Account Name Texas Instruments Incorporated <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>Surcharge - late filing fee of oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>N/A</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>N/A</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>N/A</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>N/A</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>N/A</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>N/A</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>N/A</td><td>Processing fee for provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>N/A</td><td>Submission of information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>N/A</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>N/A</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) \$ 40</td> </tr> <tr> <td colspan="2">SUBMITTED BY</td> <td colspan="5" style="text-align: right; vertical-align: bottom;"> Complete (if applicable) Name (Print/Type) Michael T. Konczal Signature  Registration No. (Attorney/Agent) 45,475 Telephone 214-228-3641 Date 12/09/03 </td> </tr> </tbody></table>					Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	Surcharge - late filing fee of oath		1052	50	2052	Surcharge - late provisional filing fee or cover sheet		1053	130	N/A	Non-English specification		1812	2,520	N/A	For filing a request for ex parte reexamination		1804	920*	N/A	Requesting publication of SIR prior to Examiner action		1805	1,840*	N/A	Requesting publication of SIR after Examiner action		1251	110	2251	Extension for reply within first month		1252	420	2252	Extension for reply within second month		1253	950	2253	Extension for reply within third month		1254	1,480	2254	Extension for reply within fourth month		1255	2,010	2255	Extension for reply within fifth month		1401	330	2401	Notice of Appeal		1402	330	2402	Filing a brief in support of an appeal		1403	290	2403	Request for oral hearing		1451	1,510	N/A	Petition to institute a public use proceeding		1452	110	2452	Petition to revive - unavoidable		1453	1,330	2453	Petition to revive - unintentional		1501	1,330	2501	Utility issue fee (or reissue)		1502	480	2502	Design issue fee		1503	640	2503	Plant issue fee		1460	130	N/A	Petitions to the Commissioner		1807	50	N/A	Processing fee for provisional applications		1806	180	N/A	Submission of information Disclosure Stmt		8021	40	N/A	Recording each patent assignment per property (times number of properties)		1809	770	2809	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	Request for Continued Examination (RCE)		1802	900	N/A	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) \$ 40		SUBMITTED BY		Complete (if applicable) Name (Print/Type) Michael T. Konczal Signature  Registration No. (Attorney/Agent) 45,475 Telephone 214-228-3641 Date 12/09/03				
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																							
1051	130	2051	Surcharge - late filing fee of oath																																																																																																																																																																								
1052	50	2052	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																								
1053	130	N/A	Non-English specification																																																																																																																																																																								
1812	2,520	N/A	For filing a request for ex parte reexamination																																																																																																																																																																								
1804	920*	N/A	Requesting publication of SIR prior to Examiner action																																																																																																																																																																								
1805	1,840*	N/A	Requesting publication of SIR after Examiner action																																																																																																																																																																								
1251	110	2251	Extension for reply within first month																																																																																																																																																																								
1252	420	2252	Extension for reply within second month																																																																																																																																																																								
1253	950	2253	Extension for reply within third month																																																																																																																																																																								
1254	1,480	2254	Extension for reply within fourth month																																																																																																																																																																								
1255	2,010	2255	Extension for reply within fifth month																																																																																																																																																																								
1401	330	2401	Notice of Appeal																																																																																																																																																																								
1402	330	2402	Filing a brief in support of an appeal																																																																																																																																																																								
1403	290	2403	Request for oral hearing																																																																																																																																																																								
1451	1,510	N/A	Petition to institute a public use proceeding																																																																																																																																																																								
1452	110	2452	Petition to revive - unavoidable																																																																																																																																																																								
1453	1,330	2453	Petition to revive - unintentional																																																																																																																																																																								
1501	1,330	2501	Utility issue fee (or reissue)																																																																																																																																																																								
1502	480	2502	Design issue fee																																																																																																																																																																								
1503	640	2503	Plant issue fee																																																																																																																																																																								
1460	130	N/A	Petitions to the Commissioner																																																																																																																																																																								
1807	50	N/A	Processing fee for provisional applications																																																																																																																																																																								
1806	180	N/A	Submission of information Disclosure Stmt																																																																																																																																																																								
8021	40	N/A	Recording each patent assignment per property (times number of properties)																																																																																																																																																																								
1809	770	2809	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																								
1810	770	2810	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																								
1801	770	2801	Request for Continued Examination (RCE)																																																																																																																																																																								
1802	900	N/A	Request for expedited examination of a design application																																																																																																																																																																								
Other fee (specify) _____																																																																																																																																																																											
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) \$ 40																																																																																																																																																																						
SUBMITTED BY		Complete (if applicable) Name (Print/Type) Michael T. Konczal Signature  Registration No. (Attorney/Agent) 45,475 Telephone 214-228-3641 Date 12/09/03																																																																																																																																																																									

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

MICHAEL T. KONCZAL
REGISTERED PATENT ATTORNEY

**P.O. Box 863656
PLANO, TEXAS 75086**

tel: 214-228-3641
fax: 972-608-2947

Mike@Patentmike.com

PRACTICE LIMITED TO PATENTS, TRADEMARKS,
AND
U.S. AND FOREIGN INTELLECTUAL PROPERTY MATTERS
December 9, 2003

Via Express Mail: ER 446521613 US

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Utility Patent Application For:
Impedance Controlled Write Driver for Low Power Preamp
Attorney Docket: TI-35349

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified patent application:

- (1) Utility Patent Application Transmittal;
- (2) Specification;
- (3) 2 Sheets of Formal Drawings;
- (3) Fee Authorization/Transmittal Form;
- (4) Declaration and Power of Attorney;
- (5) Assignment; and
- (6) Postcards (2).

Please charge Deposit Account No. 20-0668 in the amount of the total fees set forth. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0668.



Michael T. Konczal
Registration No. 45,475

c: Cindy Dees, Texas Instruments Incorporated